



FortiToken Mobile 2.0

User Guide for Android



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FortiToken Mobile for Android

Introduction

The FortiToken Mobile (FTM) is an application that allows you to generate One Time Password (OTP) values on your mobile device for use in two factor authentication. Once your token is activated, you will not need any network access to generate OTPs on your device.

Overview

First you will install the application. Once the app is installed on your mobile device, you will need to activate a token. After the token is activated, you can immediately generate OTPs on your device.

Supported Google Android Versions and Devices

The application can be installed on Android Smartphone and tablet devices. No cellular network is required; if you don't have cellular service, just use your WiFi access.

Supported Android Operating System versions: Android 2.2 (Froyo) through 4.x (Jellybean).



The *Scan Barcode* feature may not work on Android devices that lack a front-facing camera or do not support auto-focus.

Installing the FTM Application

You can download the free FortiToken Mobile application from Google Play.

Click [here](#) for the FortiToken Mobile download.

After the application has been installed, make sure the device has the correct date and time. Go to *Settings > Date and Time* on the device and adjust as necessary. We recommend you use the *automatic* setting to use network provided values.

Token Activation

The FortiToken Mobile v2 application allows you to install Fortinet tokens as well as third-party tokens, including tokens for two-step verification used by Dropbox, Google, Amazon and Microsoft.

FortiToken Activation Email/SMS Message

After your system administrator assigns your token, you will receive notification with an activation code and an activation expiration date by which you must activate your token. Depending on which option your system administrator has chosen, you will receive the activation notification either by SMS or email. If you do not activate your token by the indicated expiration date, you must contact your sysadmin so that your token can be reassigned for activation.

The activation notification looks like this:

```
=====

Welcome to FortiToken Mobile - One-Time-Password software token.

Please visit http://docs.fortinet.com/ftoken.html for instructions on
how to install your FortiToken Mobile application on your device and
activate your token.

You must use FortiToken Mobile version 2 to activate this token.

Your Activation Code, which you will need to enter on your device
later, is

"xxxxxxxxxxxxxxxxxxxx"

A QR code image is also attached.

You must activate your token by: Sat Jun 15 01:26:14 2013 GMT+00:00,
after which you will need to contact your system administrator to
re-enable your activation.

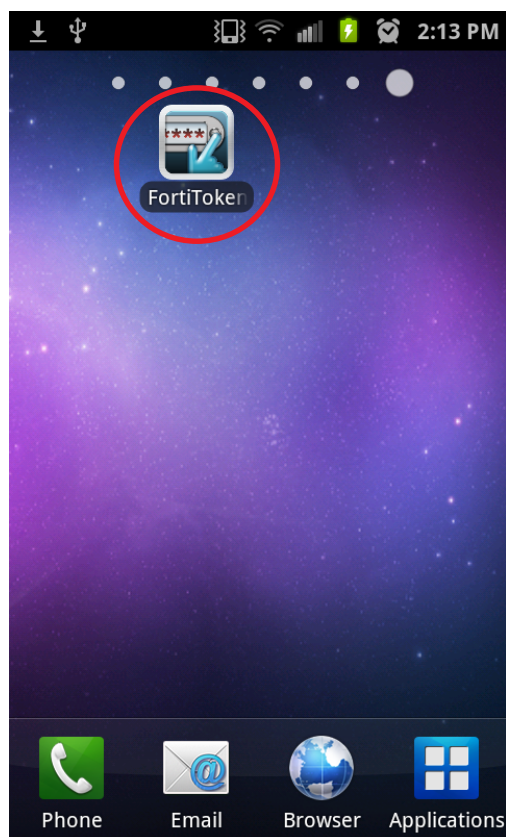
=====
```

Activating your FortiToken Mobile Token

You can activate your token on FortiToken Mobile once you receive an activation code.

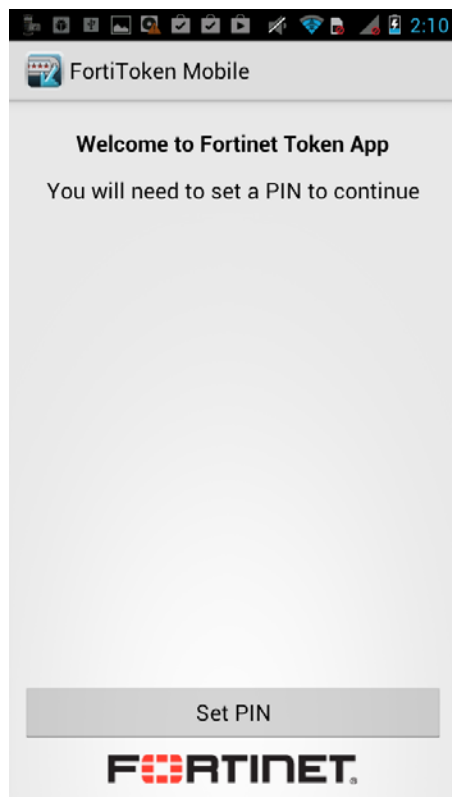
Before you begin, make sure your device is set to the correct time and that you have Internet access.

1. Start the application by touching the FortiToken Mobile icon on your device screen.

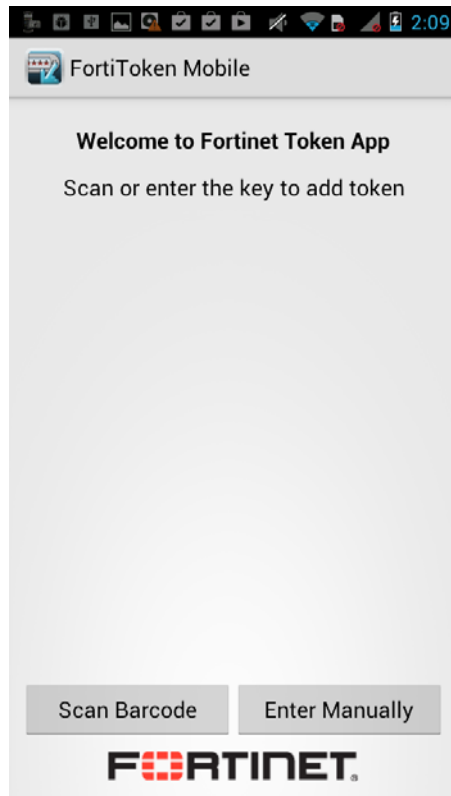


2. If this is the very first time you are installing a token, you will be asked to create a 4-digit PIN that will be used to secure your application and token. Enter your new PIN and re-enter to confirm.

You will need to enter the same PIN every time you access the application.



3. You will now be asked to enter the activation code for your token. If there is no token installed, you will be prompted to activate a token. Use *Scan Barcode* if you have received a QR code for token activation and your device supports QR code recognition. Otherwise, use *Enter Manually* to input the activation code.



Scan Barcode

If your Android device supports QR code recognition, you can simply press *Scan Barcode* and point your device camera at the QR code attached to the activation email.



QR code images are not provided using the SMS activation message, only with the email activation message.

FTM will communicate with the Secure FTM Provisioning Server to activate your token. Once activated, you will see the OTP displayed.

Manual Activation

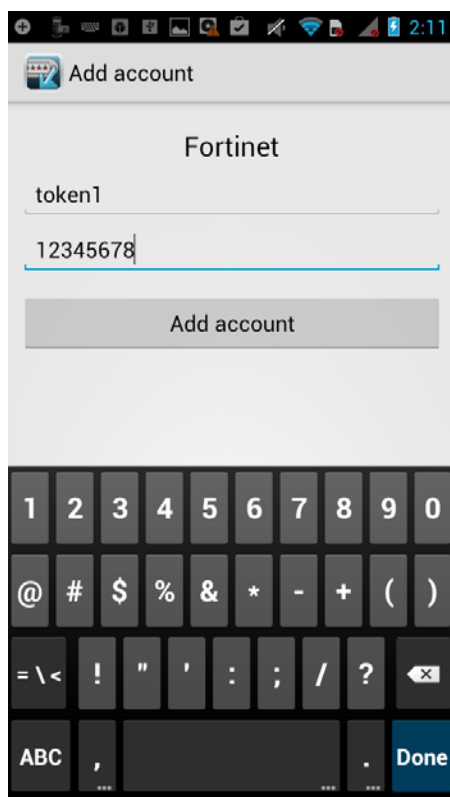
Enter the activation code exactly as it appears in your activation message, either by typing or copying and pasting.



FortiToken Mobile will automatically convert lowercase to uppercase letters so there is no need to use the *Shift* key when typing.

Optionally, enter a name for this token. If no name is entered, the default name will be the serial number assigned to the token. The name can be edited later.

After the activation code is entered, tap *Done*.

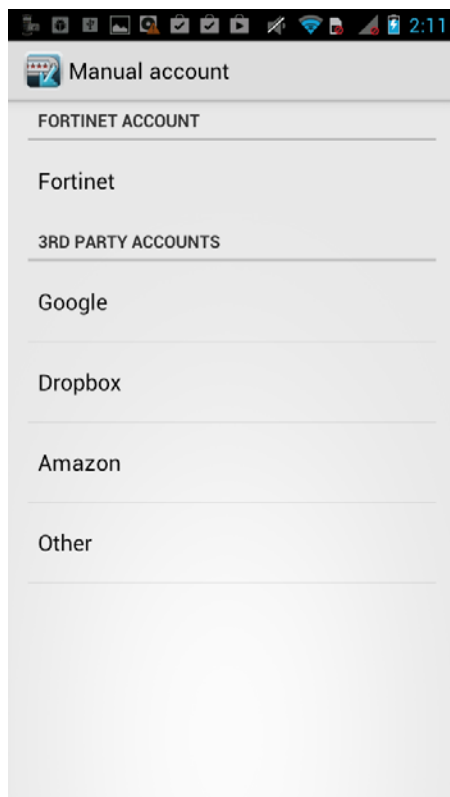


Third-Party Token Activation

Many cloud and online applications offer the option to turn on two-step verification (aka two-factor authentication) for added security. FortiToken Mobile provides a simple means to install tokens from cloud service providers, including Dropbox, Google, Amazon and Microsoft. Follow the provider's instructions for turning on two-step verification and you will get to a web page displaying an activation code; with options to scan a QR code or enter the code manually if you cannot scan the barcode.

If you use the option to *Scan Barcode*, and don't enter a token name, the token name will default to what is encoded in the QR code image for the account name. You can always edit the token name later.

FortiToken Mobile allows you to choose a specific third-party provider, but even if your provider is not listed, you can still add a token if the activation code is presented in Base32 format by choosing *Other*.

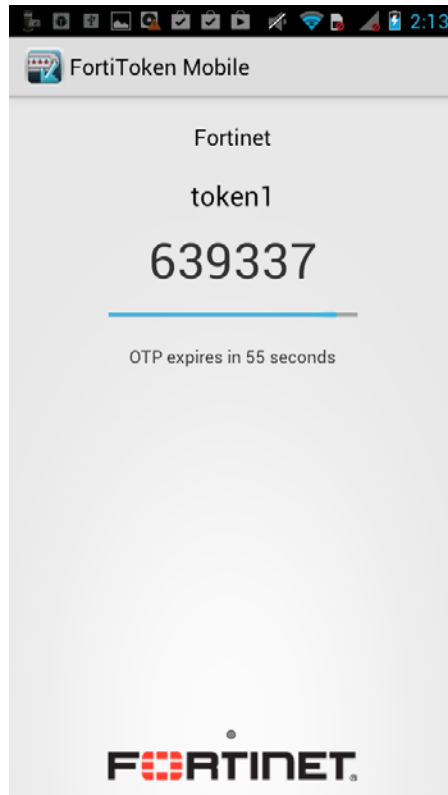


Any valid Base32 format entry will work for activating a token in the *Other* category. However, FortiToken Mobile assumes the token uses a 30-second time step. You should always use your online provider's verification step to make sure the token was correctly activated.

Using the FortiToken Mobile Application

Generating OTPs

Start the application and enter your PIN. The OTP is displayed on the home page. The timer bar below the OTP display shows how much time is left before a new OTP value will be displayed.



Default Token

The FortiToken Mobile home screen will display the default token in the case where there are multiple tokens installed. The first token installed becomes the default token until changed. If you have multiple tokens installed, you can simply swipe the home page to move to the next token OTP display screen.

Copying and Pasting OTPs to/from Clipboard

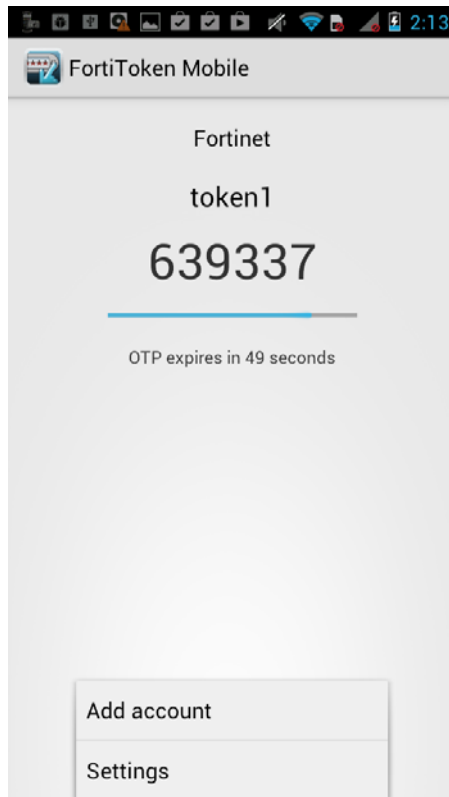
Your OTP (aka Passcode) can be copied to the clipboard ID desired by tapping the number displayed and then tapping *copy*. This is useful in situations such as when you are using a VPN client on our mobile device and need to enter the OTP as the second factor for logging in.

Application Timeout

If you do not touch your screen for 60 seconds, the application will time out and you will have to enter your PIN again to display the OTP.

FTM Features

FTM features on the application menu include *Add account* and *Settings*.



Add Account

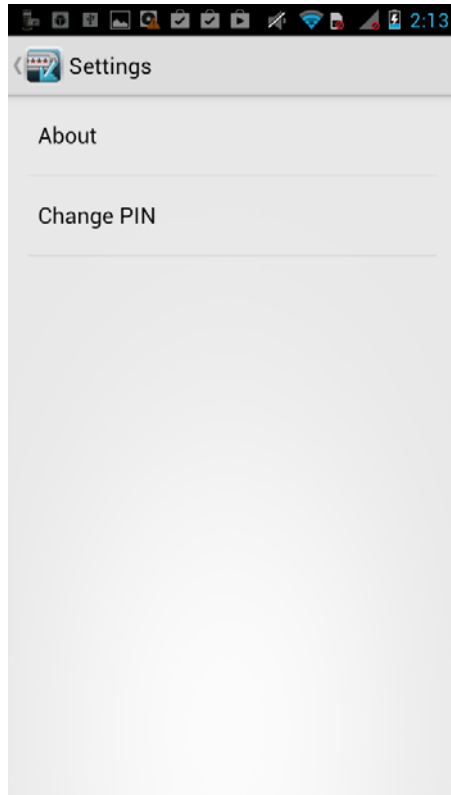
You can activate additional tokens by tapping *Add account* from the menu.

Edit Token Name

The *Edit* screen allows you to change the name of a token.

Settings

The *Settings* page allows you to access the *About* information and to perform *Change PIN* operations.



About FTM

Here you will see two important attributes for your application:

- *Epoch Time*: This is the universal time setting that can be used to troubleshoot token synchronization issues.
- *Version*: This tells which version of the FTM application is installed on your device.

Change PIN

Tap *Change PIN*. Enter your current PIN, then enter new PIN. Re-enter new PIN to confirm.

Alerts and Troubleshooting

Activation Issues

If you receive an error message indicating that FTM timed out waiting for the server, check to make sure your device can access the Internet. If the problem persists, contact your system administrator.

If you receive an error message indicating that FTM activation failed, please check your activation code and re-enter. If the problem persists, contact your system administrator. Please supply the error code and/or error message so your administrator can correct the problem.

Synchronization Issues

If you are able to generate OTPs, but your login attempts fail, please make sure your device is set to the correct time. If the problem persists, contact your system administrator.

